

IN THE CLAIMS:

Claims 1-44 (Cancelled)

45. (Currently amended) An extrudable insecticidally active composition comprising:
phosphoroamido(di)thioate solids,
0.2-0.75 total wt% of a poly(alkylene oxide) polymeric lubricant that is normally solid at ambient temperature and dissolved in a solvent, and
a solvent for said polymeric lubricant in an amount of from 0.5 to less than 5 total wt% but in a quantity sufficient to dissolve said polymeric lubricant and form an extrudable, substantially homogeneous, lubricious mixture of: (i) said ~~acephate~~ phosphoroamido(di)thioate solids, (ii) said polymeric lubricant, and (iii) said solvent.
46. (Previously presented) A composition according to claim 45 wherein said composition further comprises 0.01-1.5 total wt% silica powder and 2-4 total wt% water.
47. (Currently amended) An extrudable insecticidally active composition comprising:
phosphoroamido(di)thioate solids,
a poly(alkylene oxide) polymeric lubricant that is soluble in a solvent, normally solid at room temperature, and is present in sufficient quantity to bind together said phosphoroamido(di)thioate solids when said composition is dried to a residual solvent content within the range of 0.01-0.5 total wt%, and
a solvent for said polymeric lubricant in an amount of from 0.5 to less than 5 total wt% but in a quantity sufficient to dissolve said polymeric lubricant and form an extrudable, lubricious mixture of: (i) said ~~acephate~~ phosphoroamido(di)thioate solids, (ii) said polymeric lubricant, and (iii) said solvent.

Claims 48-56 (Cancelled)

57. (Previously presented) An insecticidally active solid composition comprising:

- phosphoroamido(di)thioate solids,
- from 0.2 to 3 total wt% of a poly(alkylene oxide) as polymeric lubricant and binder for said composition that is soluble in a solvent and solid at ambient temperatures, and
- a residual amount of a solvent for said polymeric lubricant in an amount of less than 1 total wt%

wherein,

said composition has been formed from an extrusion mass by extrusion with a temperature rise of less than 4°C thru an extrusion die, said extrusion mass comprising:

- (a) said phosphoroamido(di)thioate solids,
- (b) said polymeric lubricant and binder, and
- (c) said solvent for said polymeric lubricant and binder in an amount of less than 5 total wt% but in a quantity sufficient to form a lubricious mixture of: (i) said phosphoroamido(di)thioate solids, (ii) said polymeric lubricant and binder, and (iii) said solvent.

58. (Previously Presented) An insecticidally active solid composition that has been protected from exposure to heat during manufacture by extrusion at an ambient temperature within the range of 15° to 25° C with a temperature rise of no more than 4E C when passed through a 3 mm die, said composition comprising:

acephate solids,

a poly(alkylene oxide) polymeric lubricant that is soluble in a solvent, solid at ambient temperatures, provides lubricity when dissolved in a solvent, and which acts as a binder for said acephate solids when said solvent is removed, and

a residual amount of solvent for said polymeric lubricant in an amount of less than 1 total wt%.

Claim 59 (Cancelled)

60. (Previously Presented) An extrudable, insecticidally active composition comprising:
 acephate solids,
 a polymeric lubricant that is soluble in a solvent, normally solid at ambient temperature, provides sufficient lubricity when dissolved in a solvent to allow extrusion of said composition through a 3 mm opening with a temperature rise of no more than 4° C, and which acts as a binder for said acephate solids when said solvent is removed, and
 a solvent for said polymeric lubricant in an amount of less than 5 total wt% but in a quantity sufficient to dissolve said polymeric lubricant and form a lubricious mixture of: (i) said acephate solids, (ii) said polymeric lubricant, and (iii) said solvent.
61. (Previously presented) A composition according to claim 45 wherein said polymeric lubricant comprises poly(ethylene oxide) or poly(butylene oxide).
62. (Previously presented) A composition according to claim 45 wherein said solvent is selected from the group consisting of dimethylsulfoxide, alcohols that are liquid at 10° - 100° C, and alcohol-water azeotropic mixtures.
63. (Previously presented) A composition according to claim 45 wherein the poly(alkylene oxide) has a crystalline melting point within the range from 63°C to 67°C.
64. (Previously presented) A composition according to claim 45 wherein the solvent is present in an amount from 0.5 to 4 total wt%.
65. (Previously presented) A composition according to claim 45 wherein said phosphoroamido(di)thioate solids comprise acephate.
66. (Previously presented) A composition according to claim 45 wherein said polymeric lubricant comprises poly(ethylene oxide) or poly(butylene oxide).

67. (Previously presented) A composition according to claim 47 wherein said solvent is selected from the group consisting of dimethylsulfoxide, alcohols that are liquid at 10° - 100° C, and alcohol-water azeotropic mixtures.
68. (Previously presented) A composition according to claim 47 wherein the poly(alkylene oxide) has a crystalline melting point within the range from 63°C to 67°C.
69. (Previously presented) A composition according to claim 47 wherein said composition further comprises 0.01-1.5 total wt% silica powder and 2-4 total wt% water.
70. (Previously presented) A composition according to claim 47 wherein the polymeric lubricant is present in an amount within the range from 0.2-0.75 total wt%.
71. (Previously presented) A composition according to claim 47 wherein the solvent is present in an amount from 0.5 to 4 total wt%.
72. (Previously presented) A composition according to claim 47 wherein said phosphoroamido(di)thioate solids comprise acephate.
73. (Previously presented) A composition according to claim 57 wherein said polymeric lubricant comprises poly(ethylene oxide) or poly(butylene oxide).
74. (Previously presented) A composition according to claim 57 wherein said solvent is selected from the group consisting of dimethylsulfoxide, alcohols that are liquid at 10° - 100° C, and alcohol-water azeotropic mixtures.
75. (Previously presented) A composition according to claim 57 comprising:
 - 0.1-1 total wt% poly(alkylene oxide),
 - 0.01-1.5 total wt% silica anticaking agent,
 - acephate, and
 - less than 1 total wt% solvent for said poly(alkylene oxide).

76. (Previously presented) A composition according to claim 57 wherein said phosphoroamido(di)thioate solids comprise acephate.
77. (Previously presented) A composition according to claim 57 wherein the poly(alkylene oxide) has a crystalline melting point within the range from 63°C to 67°C.
78. (Previously presented) A composition according to claim 57 wherein the polymeric lubricant is present in an amount within the range from 0.2-0.75 total wt%.
79. (Previously presented) A composition according to claim 57 wherein the solvent is present in an amount from 0.001 to 0.5 total wt%.
80. (Previously presented) A process for making granules containing insecticidally active solid composition of Claim 57, said process comprising the steps of:
- extruding homogeneous extrudates from an extrudable lubricated mixture comprising phosphoroamido(di)thioate solids a dissolvable poly(alkylene oxide) lubricant which is present in an amount within the range from 0.2 to 3 total wt%, and a solvent for said dissolvable polymer lubricant in an amount sufficient to dissolve said lubricant and form a lubricious, extrudable mixture, and
 - drying said extrudates to a residual solvent content of less than 1 wt%.